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Substitute for form 1449/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	US 10/660,256		
		Filing Date	Sept. 11, 2003		
		First Named Inventor	Ramazanov et al.		
		Art Unit	1614		
		Examiner Name	SP/IVACK		
Sheet	1	of	4	Attorney Docket Number	04287/100M315-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PS	1.	4,451,465	05-29-1984	White et al.	
PS	2.	4,772,631	09-20-1988	Holloway et al.	
PS	3.	4,977,148	12-11-1990	Holloway et al.	
PS	4.	4,999,377	03-12-1991	Caulkett et al.	
PS	5.	5,626,849	05-06-1997	Hastings et al.	
PS	6.	5,783,603	07-21-1998	Majeed et al.	
PS	7.	5,804,596	09-08-1998	Majeed et al.	
PS	8.	6,340,482	01-22-2002	Jones	

FOREIGN PATENT DOCUMENTS					
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PS	9.	Brasaemle et al., (1997) "Post-translational Regulation of Perilipin Expression", <i>The Journal of Biological Chemistry</i> , 272:9378-9387.	
PS	10.	Brasaemle et al. (2000) "Perilipin A Increases Triacylglycerol Storage by Decreasing the Rate of Triacylglycerol Hydrolysis", <i>The Journal of Biological Chemistry</i> , 275:38486-38493.	
PS	11.	Chaudhry and Granneman (1999) "Differential regulation of functional responses by β -adrenergic receptor subtypes in brown adipocytes", <i>Am. J. Physiol.</i> , 277:R147-R153.	
PS	12.	Clifford et al., (1998) "Dephosphorylation of perilipin by protein phosphatases present in rat adipocytes", <i>FEBS Letters</i> , 435:125-129.	
PS	13.	Clifford et al., (2000) "Translocation of Hormone-sensitive Lipase and Perilipin upon Lipolytic Stimulation of Rat Adipocytes", <i>The Journal of Biological Chemistry</i> , 275:5011-5015.	

W:1042 871100	P. Spivack	Date Considered	11/10/05
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PS	14.	Geodakyan et al., (1992) "High-performance liquid chromatographic method for determination of mangiferin, likviritin and dihydroquercetin in rat plasma and urine", <i>J. of Chromatography</i> , 577:371-375.	
PS	15.	Greenberg et al. (1991) "Perilipin, a Major Hormonally Regulated Adipocyte-specific Phosphoprotein Associated with the Periphery of Lipid Storage Droplets", <i>The Journal of Biological Chemistry</i> , 266:11341-11346.	
PS	16.	Greenberg et al., (1993) "Isolation of cDNAs for perilipins A and B: Sequence and expression of lipid droplet-associated proteins of adipocytes", <i>Proc. Natl. Acad. Sci. USA</i> , 90:12035-12039.	
PS	17.	Han et al., (1998) "Norepinephrine-Augmenting Lipolytic Effectors from <i>Astilbe thunbergii</i> Rhizomes", <i>J. Nat. Prod.</i> , 61:1006-1011.	
PS	18.	Haraguchi et al., (1996) "Inhibition of aldose reductase by dihydroflavonols in <i>Engelhardtia chrysolepis</i> and effects on other enzymes", <i>Experientia</i> , 52: 564-567.	
PS	19.	Haraguchi et al., (1996) "Protection against Oxidative Damage by Dihydroflavonols in <i>Engelhardtia chrysolepis</i> ", <i>Biosci. Biotech. Biochem.</i> 60:945-948.	
PS	20.	Heymsfield et al., (1998) " <i>Garcinia cambogia</i> (Hydroxycitric Acid) as a Potential Antiobesity Agent: A Randomized Controlled Trial", <i>JAMA</i> , 280:1596-1600.	
PS	21.	Holm et al., (2000) "Molecular Mechanisms Regulating Hormone-Sensitive Lipase and Lipolysis", <i>Annu. Rev. Nutr.</i> , 20:365-393.	
PS	22.	Igarashi et al., (1996) "Effect of Astilbin in Tea Processed from Leaves of <i>Engelhardtia chrysolepis</i> on the Serum and Liver Lipid Concentrations and on the Erythrocyte and Liver Antioxidative Enzyme Activities of Rats", <i>Biosci. Biotech. Biochem.</i> , 60:513-515.	
PS	23.	Kellner-Weibel et al., (2001) "Evidence that newly synthesized esterified cholesterol is deposited in existing cytoplasmic lipid inclusions", <i>Journal of Lipid Research</i> , 42:768-777.	
PS	24.	Leonhardt et al., (2002) "Hydroxycitrate Has Long-Term Effects on Feeding Behavior, Body Weight Regain and Metabolism after Body Weight Loss in Male Rats", <i>J. Nutr.</i> , 132:1977-1982.	
PS	25.	Londos et al., (1995) "Perilipin: unique proteins associated with intracellular neutral lipid droplets in adipocytes and steroidogenic cells", <i>Biochem. Society Transactions</i> , 23:611-615.	
PS	26.	Martinez-Botas et al., (2000) "Absence of perilipin results in leanness and reverses obesity in <i>Lepr^{db/db}</i> mice", <i>Nature Genetics</i> , 26:474-479.	
PS	27.	Mauriege et al., (1999) "Regional and gender variations in adipose tissue lipolysis in response to weight loss", <i>J. of Lipid Research</i> , 40:1559-1571.	
PS	28.	Miyase et al., (1996) "Araliasaponins XII-XVIII, triterpene saponins from the roots of <i>Aralia chinensis</i> ", <i>Phytochemistry</i> 42:1123-1130.	

(W:1042 R7:100)	P. Spwack	Date Considered	11/10/05
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Substitute for form 1449/PTO		Complete if Known	
		Application Number	US 10/660,256
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	Sept. 11, 2003
		First Named Inventor	Ramazanov et al.
		Art Unit	1614
		Examiner Name	SPIVACK
		Attorney Docket Number	04287/100M315-US1
Sheet	3	of	4

NON PATENT LITERATURE DOCUMENTS			
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PS	29.	Miyase et al., (1996) "Araliasaponins I-Xi, triterpene saponins from the roots of <i>Aralia decaisneana</i> ", <i>Phytochemistry</i> , 41:1411-1418 .	
PS	30.	Morimoto et al., (1997) "Norepinephrine-induced Lipolysis in Rat Fat Cells from Visceral and Subcutaneous Sites: Role of Hormone-sensitive Lipase and Lipid Droplets", <i>J. of Lipid Research</i> , 38:132-138.	
PS	31.	Morimoto et al., (2000) "Mechanism of the stimulatory action of okadaic acid on lipolysis in rat fat cells", <i>J. of Lipid Research</i> , 41:199-204.	
PS	32.	Morimoto et al., (2000) "Substrate-Dependent Lipolysis Induced by Isoproterenol", <i>Biochem and Biophys Res Comm</i> , 274:631-634 .	
PS	33.	Morimoto et al., (2001) "Relationships between lipolysis induced by various lipolytic agents and hormone-sensitive lipase in rat fat cells", <i>J. of Lipid Research</i> , 42:120-127 .	
PS	34.	Muls et al., (2001) "The effects of orlistat on weight and on serum lipids in obese patients with hypercholesterolemia: a randomized, double-blind, placebo-controlled, multicentre study", <i>International Journal of Obesity</i> , 25:1713-1721.	
PS	35.	Murphy et al., (2000) "New insights into the mechanisms of lipid-body biogenesis in plants and other organisms", <i>Biochemical Society Transactions</i> , 28:710-711 .	
PS	36.	Osterlund T. (2001) "Structure-function relationships of hormone-sensitive lipase", <i>Eur. J. Biochem.</i> , 268:1899-1907.	
PS	37.	Sakai et al., (1994) "Oleanolic acid saponins from root bark of <i>Aralia elata</i> ", <i>Phytochemistry</i> , 35:1319-1324 .	
PS	38.	Satoh et al., (1994) "Oleanolic acid saponins from root-bark of <i>Aralia elata</i> ", <i>Phytochemistry</i> , 36:147-152 .	
PS	39.	Sedykh et al., (1986) "The Influence of the <i>Aralia Mandshurica</i> Tincture, Aminoron or Their Combination for Memorization of Texts", <i>New Medicinal Preparation from Plants of Siberia and the Far East</i> , p. 132 .	
PS	40.	Servetnick et al., (1995) "Perilipins Are Associated with Cholesteryl Ester Droplets in Steroidogenic Adrenal Cortical and Leydig Cells", <i>The Journal of Biological Chem</i> , 270:16970-16973 .	
PS	41.	Snow J.M. (1995) " <i>Coleus forskohlii</i> Willd. (Lamiaceae)", <i>The Protocol Journal of Botanical Medicine</i> , pg. 39-42 .	
PS	42.	Souquet et al., (2000) "Phenolic Composition of Grape Stems", <i>J. Agric. Food Chem.</i> , 48:1076-1080 .	
PS	43.	Souza et al., (1998) "Overexpression of Perilipin A and B Blocks the Ability of Tumor Necrosis Factor α to Increase Lipolysis in 3T3-L1 Adipocytes", <i>The Journal of Biological Chemistry</i> , 273:24665-24669 .	

(W:1042 871100)	Phyllis Spivack	Date Considered	11/10/05
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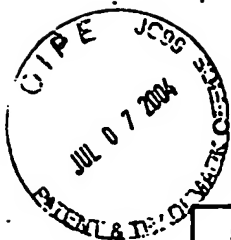
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	US 10/660,256		
		Filing Date	Sept. 11, 2003		
		First Named Inventor	Ramazanov et al.		
		Art Unit	1614		
		Examiner Name	SPINACK		
Sheet	4	of	4	Attorney Docket Number	04287/100M315-US1

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PS	44.	Tansey et al., (2001) "Perilipin ablation results in a lean mouse with aberrant adipocyte lipolysis, enhanced leptin production, and resistance to diet-induced obesity", <i>PNAS</i> , 98:6494-6499.	
PS	45.	Theriault et al., (2000) "Modulation of hepatic lipoprotein synthesis and secretion by taxifolin, a plant flavonoid", <i>Journal of Lipid Research</i> , 41:1969-1979.	
PS	46.	Tiukavkina et al., (1997) "Dihydroquercetin - a new antioxidant and biologically active food additive", <i>Vopr Pitan</i> , 6:12-15	
PS	47.	Wang et al., (1994) "Chemical analysis of main medicinal species of genus <i>Aralia</i> ", <i>Chung Kuo Chung Yao Tsa Chih</i> , 19:6-8.	
PS	48.	Yamamoto et al., (2000) "Anti-obesity effects of lipase inhibitor CT-II, an extract from edible herbs, <i>Nomame Herba</i> , on rats fed a high-fat diet", <i>International Journal of Obesity</i> , 24:758-764.	
PS	49.	Yoshikawa et al., (1995) "Medicinal foodstuffs. I. Hypoglycemic constituents from a garnish foodstuff "taranome," the young shoot of <i>Aralia elata</i> SEEM: elatosides G, H, I, J, and K", <i>Chem Pharm Bull</i> , 43:1878-1882.	
PS	50.	Yoshikawa et al., (1996) "Bioactive saponins and Glycosides. VI. Elatosides A and B, Potent Inhibitors of Ethanol Absorption, from the Bark of <i>Aralia elata</i> SEEM. (Araliaceae): The Structure-Requirement in Oleanolic Acid Glucuronide-Saponins for the Inhibitory Activity", <i>Chem. Pharm. Bull.</i> , 44:1915-1922.	
PS	51.	Yoshikawa et al., (1996) "Bioactive saponins and glycosides. VII. On the hypoglycemic principles from the root cortex of <i>Aralia elata</i> Seem.: Structure related hypoglycemic activity of oleanolic acid oligoglycoside", <i>Chem Pharm Bull</i> , 44:1923-1927.	
PS	52.	Yu et al., (1994) "Triterpenoid saponins from the roots of <i>Aralia spinifolia</i> ", <i>J Nat Prod</i> , 57:978-982.	
PS	53.	Zeng et al., (1994) "Chemical constituents of <i>Aralia decaisneana</i> Hance", <i>Chung Kuo Chung Yao Tsa Chih</i> , 19:550-551.	
PS	54.	Zweytick et al., (2000) "Intracellular lipid particles of eukaryotic cells", <i>Biochemica et Biophysica Acta</i> , 1469:101-120.	

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(W:1042 R7100)	<i>Phillip Spinack</i>	Date Considered	11/10/05
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PTO/SB/08a/b (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/660,256-Conf. #5361
				Filing Date	September 11, 2003
				First Named Inventor	Arthur Ramazanov, et al.
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PS	CA	Okuyama, et al., "Analgesic Principles from Aralia cordata Thunb.", Chemical & Pharmaceutical Bulletin, Vol. 39, No. 2, February 1991, pp. 405-407.	
PS	CB	Patent Abstract, Method of Producing Antiobesity Drug From Buds of a Plant (Aralia Elata), Patent No. JP2002187845, Published July 5, 2000.	

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